

# SEQUENCE LISTING

<110> Rothe, Helga; Detappe, Veronique; Noser, Friedrich

<120> Use Of Peptides For Protecting Skin From Hair-treatment Agents

<130> RP/PI203002 UTH

<140> US 10/580,744

<141> 2004-11-11

<150> PCT/EP 2004/012768

<151> 2004-11-11

<160> 100

<210> 1

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 1

Ala Ala Val Ile Gln Leu

1 5

<210> 2

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 2

Ala Asp Glu Ser Lys His Val Trp Ser Gln Thr

1 5 10

<210> 3

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 3

Ala Phe Thr Gln Gly Leu Lys

1 5

<210> 4

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 4  
Ala Gly Thr Phe Ser Thr Pro Arg Lys Lys Phe Lys Lys  
1 5 10

<210> 5  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 5  
Ala Gly Thr Val Leu Ile Glu Asp Asn Asn Phe Thr Asn Glu  
1 5 10

<210> 6  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 6  
Ala Thr Cys Glu Ser Arg Trp Thr  
1 5

<210> 7  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 7  
Ala Thr Pro Ser Ile Leu Gln Thr Pro Lys Thr Thr  
1 5 10

<210> 8  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 8  
Ala Val Leu Thr Glu Glu Asp Ser Asp  
1 5

<210> 9  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 9  
Asp Asp Glu Glu Asn Gln Ser Leu Thr Thr Lys Lys Glu Ser  
1 5 10

<210> 10  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 10  
Asp Asp Glu Asn Asp Ser Tyr Thr Asp His Glu Asn Ile  
1 5 10

<210> 11  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 11  
Asp Asp Thr Asp Glu Ile Glu Asn Asp  
1 5

<210> 12  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 12  
Asp Glu Glu Asn Ser Gln Thr  
1 5

<210> 13  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 13  
Asp Glu Gly Glu Ser Thr Gln Ser Val Lys Thr Pro Arg Lys Lys  
1 5 10 15

<210> 14

<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 14  
Asp Glu Leu His Ser Ala  
1 5

<210> 15  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 15  
Asp Glu Asn Thr Ser Glu Asn Gln Ser Glu  
1 5 10

<210> 16  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 16  
Asp Glu Asn Val Glu Asp Asp Glu  
1 5

<210> 17  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 17  
Asp Asn Glu Val Ala Asp Asn  
1 5

<210> 18  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 18

Asp Tyr Thr Gln Met Pro Ile Ser Trp Lys Arg Lys  
1 5 10

<210> 19

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 19

Glu Asp Glu Glu Thr Glu Gln Ser Leu Pro Lys Lys Glu Glu Asp  
1 5 10 15

<210> 20

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 20

Glu Asp His Trp Asn Asp Pro Arg Ser Ala Val  
1 5 10

<210> 21

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 21

Glu Asp Asn Arg Thr Pro Ser Thr Ala Ile  
1 5 10

<210> 22

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 22

Glu Asp Asn Thr Gln Val Ile Pro Arg Lys Ser Leu Thr Trp Ser  
1 5 10 15

<210> 23

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 23

Glu Asp Ser Tyr Thr Gln Ser Leu Pro Lys Lys Thr Ser  
1 5 10

<210> 24

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 24

Glu Asp Thr Ser Thr Glu Asn Lys Asn Thr Asn Asp Glu Glu  
1 5 10

<210> 25

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 25

Glu Lys His Ser Tyr Thr Asn Leu Ser Pro Arg  
1 5 10

<210> 26

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 26

Glu Lys Ser Thr Ala Asn Pro Ser Gln Asp  
1 5 10

<210> 27

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 27

Glu Leu Gly Gln Asn Ser  
1 5

<210> 28

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 28  
Glu Asn Asp Thr His Met Glu Asn Ser  
1 5

<210> 29  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 29  
Glu Asn Ser Ala Asp Asn Asp Glu Leu  
1 5

<210> 30  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 30  
Glu Ser Glu Asp Asp Met Val Asn Thr Asp Glu Glu  
1 5 10

<210> 31  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 31  
Gly Ala Tyr Asn Tyr Glu  
1 5

<210> 32  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 32  
Gly Asn Thr Arg Lys Val Glu Val Arg

1 5

<210> 33  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 33  
 Ile Phe Thr Ala Tyr Gln Ser Pro Arg Lys Ser Thr Ile  
 1 5 10

<210> 34  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 34  
 Ile Ser Leu Thr Gln Pro Lys Arg Phe Trp  
 1 5 10

<210> 35  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 35  
 Ile Val Arg Lys Ser Ala Thr Asn Ser Leu Pro Lys Lys Val  
 1 5 10

<210> 36  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 36  
 Lys Lys Glu Thr Gln Phe Lys Arg Ser Thr Lys Gln Ser Leu Ser  
 1 5 10 15

<210> 37  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Commercially obtained or synthesized polypeptide obtained by



known synthetic methods

<400> 37

Lys Lys Phe Ser Gln Leu Leu Lys  
1 5

<210> 38

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 38

Lys Lys Arg Lys Lys Lys Thr Met Ile Lys Ser Lys  
1 5 10

<210> 39

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 39

Lys Lys Arg Ser Leu Ile Lys Lys Ser Arg Pro Lys Ser  
1 5 10

<210> 40

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 40

Lys Lys Arg Ser Thr Ser Thr Gln Leu Val Lys Arg Arg Thr  
1 5 10

<210> 41

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 41

Lys Lys Arg Thr Arg Leu Lys  
1 5

<210> 42

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 42

Lys Lys Thr Arg Ser Thr Leu Gln Arg Lys Ile Arg Lys  
1 5 10

<210> 43

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 43

Lys Arg Ala Lys Arg Arg  
1 5

<210> 44

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 44

Lys Arg Gln Ser Ile His Ser Ala  
1 5

<210> 45

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 45

Lys Arg Ser Lys Arg Thr Lys Ser Pro Lys Ile Ser  
1 5 10

<210> 46

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 46

Lys Arg Trp Thr Gly Cys Ala Leu Arg Lys Arg  
1 5 10

<210> 47  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 47  
Leu Glu Asn Gln Glu Ile  
1 5

<210> 48  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 48  
Leu Ile Thr Ala Ser Phe Thr Gln Ser Leu Pro Arg Lys Ser Gly  
1 5 10 15

<210> 49  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 49  
Met Ala Phe Met Thr Gln Ser Val His Val Thr  
1 5 10

<210> 50  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 50  
Met Ala Val Glu Asn Asp Glu Ser  
1 5

<210> 51  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 51  
Met Glu Asp Met Glu His Ser Glu Asn Thr Glu Ile Thr  
1 5 10

<210> 52  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 52  
Met Phe Ser Thr Gln Thr Leu Lys Arg  
1 5

<210> 53  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 53  
Met Gly His Val Gln Ser Leu  
1 5

<210> 54  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 54  
Met Gly Thr Trp Thr Gln Ile Ser Leu Pro Arg Lys  
1 5 10

<210> 55  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 55  
Met Ile Thr Gln Leu Ile Pro Arg Met Ser  
1 5 10

<210> 56  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 56  
Met Leu Ser Gln Thr Ile  
1 5

<210> 57  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 57  
Met Gln Thr Ile Ser Pro Thr Ala Arg Glu  
1 5 10

<210> 58  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 58  
Met Gln Thr Ser Ser Tyr Ile Ala Leu Thr Met Ser Met  
1 5 10

<210> 59  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 59  
Met Ser Thr Ala Val Leu Ala  
1 5

<210> 60  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 60  
Asn Asp Glu His Asp Glu His Lys Arg Val Lys Thr  
1 5 10

<210> 61  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 61  
Asn Asp Ser Gln Leu Asp Lys Thr  
1 5

<210> 62  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 62  
Asn Glu Asp Asp Asp Glu Phe Ser Ser Ser Pro Arg Lys Lys Thr Ser  
1 5 10 15

<210> 63  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 63  
Asn Glu Ile Asp Glu Gly  
1 5

<210> 64  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 64  
Asn Glu Met Val Leu Thr Gln Ser His Asn Glu Asp Glu  
1 5 10

<210> 65  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 65  
Asn Glu Tyr Ile Leu Asp Gln Thr Leu Glu Asp  
1 5 10

<210> 66  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 66  
Asn Lys Ala Ser Ile Glu Glu Asp Asn Asp Pro Asn Ile Arg Ser  
1 5 10 15

<210> 67  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 67  
Asn Met Cys Thr Gln Asn Leu Leu Arg Lys Thr Met Ser Glu  
1 5 10

<210> 68  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 68  
Asn Asn Asp Glu Cys Trp Ser Ala Thr  
1 5

<210> 69  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 69  
Asn Asn Ser Pro Ser Glu Glu Thr Glu Ala  
1 5 10

<210> 70  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 70  
Asn Val Arg Lys Lys Leu Lys  
1 5

<210> 71  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 71  
Arg Ala Lys Arg Ile Thr Lys Phe Thr Gln Ser Ile Pro Lys Lys  
1 5 10 15

<210> 72  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 72  
Arg Gly Lys Lys Leu His Arg Thr Val  
1 5

<210> 73  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 73  
Arg Ile Lys Arg Arg Ser Tyr Ser Thr Ser  
1 5 10

<210> 74  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 74  
Arg Ile Ser Lys Lys Arg Thr Tyr Ser Thr  
1 5 10

<210> 75



<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 75  
Arg Lys Lys Ser Lys Ala Val Lys Lys Ile  
1 5 10

<210> 76  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 76  
Arg Lys Ser Arg Lys Leu Ile Tyr His Lys Met Lys Lys  
1 5 10

<210> 77  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 77  
Arg Lys Val Ser Gln Leu Thr  
1 5

<210> 78  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 78  
Arg Arg Gln Ser Leu Leu Thr Lys Lys Ala Arg  
1 5 10

<210> 79  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 79

Arg Ser Thr Ile Arg Thr His Gln Leu Lys Lys Arg  
1 5 10

<210> 80

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 80

Arg Val His Tyr Lys Lys  
1 5

<210> 81

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 81

Ser Ala Lys Ile Ser Lys Lys Arg Ser Ser Lys Pro Ser Ala Val  
1 5 10 15

<210> 82

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 82

Ser Ala Thr Leu Ala His Ile  
1 5

<210> 83

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 83

Ser Met Met Ser Thr Leu Tyr Ser Trp Ser Glu Asp Met Thr  
1 5 10

<210> 84

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 84

Ser Ser Val Thr Gln Ser Leu Gly Val Ile His Phe Tyr Ser  
1 5 10

<210> 85

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 85

Ser Thr Ala Ser Asp His Ser Ser  
1 5

<210> 86

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 86

Ser Thr Ala Val Arg Arg Ser Leu  
1 5

<210> 87

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 87

Ser Val Gly Leu Ile Thr Gln Ser Ser Leu Pro Lys Lys Ser Val  
1 5 10 15

<210> 88

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by known synthetic methods

<400> 88

Thr Gly Thr Ser Leu Gln His Tyr Gln Ser Ser Leu  
1 5 10

<210> 89

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 89  
Thr Ile Ala Val Tyr Thr Pro Arg Lys Ser  
1 5 10

<210> 90  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 90  
Thr Lys Lys Arg Lys Ile Thr Gln Ser Pro Glu Glu Arg Lys  
1 5 10

<210> 91  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 91  
Thr Thr Gln Ser Ile Lys Thr Ile  
1 5

<210> 92  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 92  
Thr Trp Ser Ala Val His Ser Pro Gln Ser Thr  
1 5 10

<210> 93  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 93  
Val Ala Ser Thr Ser Thr Gln Ser Leu Pro Thr Ser Trp Ser

1	5	10
---	---	----

<210> 94  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Commercially obtained or synthesized polypeptide obtained by  
 known synthetic methods

<400> 94  
 Val Gly Thr Gln Ser Ile  
     1                    5

<210> 95  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Commercially obtained or synthesized polypeptide obtained by  
 known synthetic methods

<400> 95  
 Val Lys Lys Arg Ser Arg Ser Lys Lys Lys Leu  
     1                    5                    10

<210> 96  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Commercially obtained or synthesized polypeptide obtained by  
 known synthetic methods

<400> 96  
 Val Gln Ser Ala Trp Cys Thr Ser Ala Asp  
     1                    5                    10

<210> 97  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Commercially obtained or synthesized polypeptide obtained by  
 known synthetic methods

<400> 97  
 Val Ser Ile Glu Asp Asn Thr Glu Ala  
     1                    5

<210> 98  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Commercially obtained or synthesized polypeptide obtained by

known synthetic methods

<400> 98

Val Ser Met Glu Asn Gln Ser Ala  
1 5

<210> 99

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 99

Val Ser Gln Leu Ser Thr Ser Gln Leu Leu Thr Ser  
1 5 10

<210> 100

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Commercially obtained or synthesized polypeptide obtained by  
known synthetic methods

<400> 100

Val Thr Ser Leu Arg Arg Ala  
1 5